

Midpoint Formula

Answer Key

Find the midpoint of the line segments using the given endpoints.

1) $(-6, -10), (-2, -8)$

2) $(-10, -5), (-8, 7)$

$$\underline{\hspace{2cm}} \quad (-4, -9) \quad \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} \quad (-9, 1) \quad \underline{\hspace{2cm}}$$

3) $(10, -5), (12, 3)$

4) $(1, 8), (5, -4)$

$$\underline{\hspace{2cm}} \quad (11, -1) \quad \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} \quad (3, 2) \quad \underline{\hspace{2cm}}$$

5) $(-9, -4), (-3, 6)$

6) $(-1, -9), (-7, -7)$

$$\underline{\hspace{2cm}} \quad (-6, 1) \quad \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} \quad (-4, -8) \quad \underline{\hspace{2cm}}$$

7) $(5, 10), (-3, 6)$

8) $(1, -2), (-5, -1)$

$$\underline{\hspace{2cm}} \quad (1, 8) \quad \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} \quad \left(-2, -\frac{3}{2}\right) \text{ or } (-2, -1.5) \quad \underline{\hspace{2cm}}$$

9) $(-2, 9), (-7, 7)$

10) $(4, 4), (6, 6)$

$$\underline{\hspace{2cm}} \quad \left(-\frac{9}{2}, 8\right) \text{ or } (-4.5, 8) \quad \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} \quad (5, 5) \quad \underline{\hspace{2cm}}$$